AMENDMENTS TO THE SPECIFICATIONS

Please amend paragraph [0083] as follows:

[0083] Also, in alternative embodiments, instead of generating a composite image for static visualization, a plurality of composite images can be created for different phases (or phase intervals) of a physiological cycle, and the created composite images can be displayed in a sequence to form a video. For example, a patient positioning monitoring system can be used to collect motion data representative of a motion of the patient 16, while the gantry 12 rotates about the patient 16 (or object being imaged) to generate image data using radiation at a first and second energy levels. The motion data and the image data can be retrospectively synchronized to a common time base, thereby allowing composite images that correspond to different times of the physiological cycle to be created. In one embodiment, the image data can be time-binned based on prescribed phase ranges of a physiological cycle. In an alternative embodiment, the image data can be time-binned based on prescribed amplitude ranges of the physiological cycle. Systems and methods for monitoring patient's position, time-binning based on phase or amplitude ranges, and retrospective gating have been describe in U.S. Patent Application Serial No. ~~_____~~10/678,741, entitled, "Method and system for radiation application", filed on October 3, 2003, the entire disclosure of which is herein incorporated by reference.